BRUHATH BANGALORE MAHANAGARA PALIKE

DETAILED ESTIMATE FOR THE WORK OF Development of Parks in ward no.8 Kodigehalli.

Est Cost: 40.00 lakhs

Sl no	Description of Item	No	Dimentions			Qty	Rate	Amount
			L	B	D			
1	Lead for disposal of debris shall be payable at carrage rates by mechanical means including loading and unloading From 13.30 Kms							
	Debries Removal	3	10.00	10.00	3.50	1050.00		
						1050.00	114.08 Per cmtr	119784.00
2	KSRRB 200-9. **Clearing and grubbing road land** including uprooting rank vegetation, grass, brush, shrubs, saplings and trees girth upto 300mm, by manual means, in area of **thorney jungle**, removal os stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. (Page No.135, Item No.18.12) MORTH / Chapter 2							
	Ganesha temple E/S Park	1	586.00	2.10		1230.60		
	Ganesha temple Ground	1	403.00	2.00		806.00		
	Ganesha temple W/S	1	575.00	2.00		1150.00		
	BBMP office W/S	1	365.00	2.00		730.00		
		1	188.00	2.00		376.00		
						4292.60	9.72 sqmtr	41724.00

Basic rate	9.00
Area wtg 8%	0.72
Taotal Rate	**9.72**

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3 KSRRB 300-1 Earthwork excavation by manual means in ordinary soil involiving an avarage horizontal throw upto 2 meters and an avarage lift upto 1.50m excavated surface leveled and sides neatly defssed, the disposed earth to be leveled neatly after breaking of clods comlete asspecifications.(page no141, item no19.1)

For poles	2x58	0.60	0.60	0.60	25.06		
For gates	7x2	0.60	0.60	0.60	3.02		
For Foundation wall	1	35.00	0.60	1.50	31.50		
					59.58	83.16 per Cum	4955.00

Basic Rate	77.00
Area Wtg 8%	6.16
Net Rate	83.16

4 KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement 220kgs,with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @o.465 cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation including cost all materials, labour, HOM of machinery, curing complete as per specifications.(P-12, I-4.2)

For post	116	0.60	0.60	0.15	6.26		
For wall	1	35.00	0.60	0.15	3.15		
For gates	14	0.60	0.60	0.15	0.76		
				Total	10.17	5236.92 Per Cmtr	53259.00

Basic Rate	4849.00
Area Wtg 8%	387.92
Net Rate	5236.92

5 Providing and constructing granite/trap/basalt size stone masonry in basement with cement mortar 1: 6 stone chistel dressed in courses not less than 15 cms high bond stones at two m apart in each course including cost of materials, labour, curing complete as per specifications (item no.5.9, page no.23)

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	1	35.00	0.60	0.60	12.60		
	1	35.00	0.45	0.75	11.81		
				Total	24.41	4905.36 Per Cmtr	119752.00

Basic Rate	4542.00
Area Wtg 8%	363.36
Net Rate	4905.36

6 Providing and laying in position plain cement concret of mix 1:2:4 with cement @ 240kgs with 20mm and down size graded granite metal coarse agregates @ 0.69cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exeeding 15 cm thick well compacted in foundation and plinth and cills, including cost all materilas, labour, HOM of machinery, curing complete as per specifications (page no.12 , I,no-4.6)

F/C Coping	1	35.00	0.45	0.08	1.18		
				Total	1.18	5490.72 Per Cmtr	6486.00

Basic Rate	5084.00
Area Wtg 8%	406.72
Net Rate	5490.72

7 KSRB 4-1.5: Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @o.43 cum with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed -2008, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation, plinth and cills including cost of all materials, labour, HOM of machinery, curing complete as per specifications.(P-12, I-4.5)

	116	0.60	0.60	0.45	18.79		
				Total	18.79	5991.84 Per Cmtr	112599.00

Basic Rate	5548.00
Area Wtg 8%	443.84
Net Rate	5991.84

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8	Supply and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6mm welded together and fixed in cc(1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25cms including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishig the welded joints with all lead lifts and as per the directions of the Engineer-in-charge of the work and including providing 2 coats of approved quality paint over on coat of shop painting (excluding cost of earth work and concrete) (P-255, I-No. 37.2)						
	For Vertical poles	116		2.30	266.80		
				Total	266.80	991.44 per mtr	264516.19
	Basic Rate	918.00					
	Area Wtg 8%	73.44					
	Net Rate	991.44					
9	Providing and fixing M.S. block pipe opf 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe and fixing pipe in between the two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting and scaffolding wherever necessary with all lead and lift as directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (P-255, I-No. 37.4)						
	For Horizontal poles	58	2.00	1.50	174.00		
				Total	174.00	338.04 per mtr	58819.00
	Basic Rate	313.00					
	Area Wtg 8%	25.04					
	Net Rate	338.04					
10	Providing chain link fencing 50mm size of 8 guage properly streched between rectangual poles and fixed with suitable bolts & nuts the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (P-255, I-No. 37.3)						

for chain link fencing	2	58.00	2.00		232.00		
					232.00	697.68 per sqm	161861.76

Basic Rate 646.00
Area Wtg 8% 51.68
Net Rate 697.68

11 Providing and fixing M.S Gates as per chief Architect drawing, using 50mm*50mm 14 guage M.S hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm*6mm and 16mm*16mm squre rods for verticals alternatievly spaced at 4cms c/c in two halves and 40mm*6mm M.S flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., CSR 2015-16, page n.42: Item no.7.37

Near DWCC	1	6.00	2.00	12.00		
Oppo.DWCC Ground	1	5.00	2.00	10.00		
Near Ganesha temple	1	4.00	2.00	8.00		
Police gate	1	2.00	2.00	4.00		
BBMP Building	1	5.00	2.00	10.00		
Childrens park	1	4.00	2.00	8.00		
Childrens park oppo.	1	2.00	2.00	4.00		
			Total	56.00	3299.40 per sqm	184766.00

Basic Rate 3055.00
Area Wtg 8% 244.40
Net Rate 3299.40

12 Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.(page no.120, item no.15.75)

Qty same as item no.2 4292.60

4292.60x2 8585.20

8585.20	52.92	454329.00

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	Basic Rate	49.00	sqm	
	Area Wtg 8%	3.92		
	Net Rate	52.92		
13	Lumpsum Provision for Childrens Play equipments		Rs.	1372976.96
14	Lumpsum Provision for land scaping and Butifications		Rs.	500000.00
15	Lumpsum Provision for Park Electrifications		Rs.	500000.00
			Total	3955827.91
16	Add 1% QC Charges		Rs:-	39558.2791
17	MISCELLANIOUS AND UNFORSEEN CHARGES			4613.81
			Total RS.	4000000.00

(Rupees Forty Lakhs Only)

Certificates:-

1 The work will be Executed within BBMP limit only

2 The work spot is inspected by me

3 The items Provided in the Estimate are quite Essential

4 The Estimate is prepared Based on CSR 2015-2016

5 The work is included in the POW of 2015-16 for Rs.5.00lakhs.

Asst.Engineer
Waard No-8

Asst. Executive Engineer
Kodigehalli Subdivision
BBMP, Bangalore

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone,
Bangalore.

ADMINISTRATIVELY SANCTIONED FOR Rs. 40.00 lakhs

Rupees forty lakhs only

Under P-1771

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore
15/12

for [illegible]

Subject to conditions [illegible]

enclosed memo EE ( ) No. ...

Dt ... Estimate ...

J.C(Y)PA/AS/20/2016-17

dated 26-12-2016 Rs. 40.00 lakhs

Technical Sanction
Accorded For 40.00 lakhs
Head of A/C P1771
CER NO : 149 Dt: 27/02/17

TA CE (YNK)

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92